Dept. of Computer Engineering
First Quiz , Second Semester: 2018/2019

Course Title:	Logic Circuits	Date:	10/03/2019
Course No:	630211	Time Allowed:	10 minutes
Lecturer:	Dr. Qadri Hamarsheh	No. Of Pages:	1

Information for candidates
1. *This Quiz paper contains 1question totaling 5 marks*
2. *The marks for parts of question are shown in round brackets.*

Advices to candidates
1. *You should attempt all sub questions.*
2. *You should write your answers clearly.*

<u>*Question 1*</u> **Multiple Choice**   *(5 marks)*

Identify the choice that best completes the statement or answers the question

1) The decimal equivalent of Binary number **11010** is:
   a) 26   b) 36
   c) 16   d) 23

2) What does **10** $_{(16)}$ represent in decimal number system?
   a) 10   b) 16
   c) 0A   d) 15

3) Convert the binary number **1001.0010** to decimal
   a) 90.125   b) 125
   c) 9.125   d) 12.5

4) Say that you are using unsigned binary to represent integers with **6 bits.** What **range** of integers can be represented?
   a) 0 to 64   b) 1 to 64
   c) 1 to 128   d) 0 to 63

5) The octal number represented by the binary number **110111011.101$_2$** is
   a) 673.5   b) 31311.21
   c) 1BB   d) none of the above

GOOD LUCK